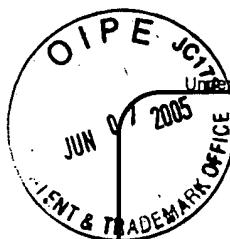


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JUN 17 2005



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

53

Application Number	09/807,647
Filing Date	April 16, 2001
First Named Inventor	S. Oi
Art Unit	1624
Examiner Name	B. Kifle
Attorney Docket Number	2560 USOP

ENCLOSURES (Check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	
<input type="checkbox"/> Remarks The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 500799.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm Name	
Signature	<i>Elaine M Ramesh</i>
Printed name	Elaine M. Ramesh
Date	6/7/05
	Reg. No. 43,032

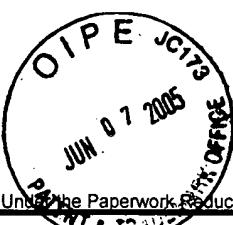
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (10-04)

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 120.00)

Complete if Known

Application Number	09/807,647
Filing Date	April 16, 2001
First Named Inventor	S. Oi
Examiner Name	B. Kifle
Art Unit	1624
Attorney Docket No.	2560 USOP

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number
500799

Deposit Account Name
Takeda Chemical Ind. Ltd.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) or any underpayment of fee(s)

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 790	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** =	X 18 =	
			- 3** =	X 88 =	
				300 =	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim, if not paid
1204 88	2204 44	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	120
1252 430	2252 215	Extension for reply within second month	
1253 980	2253 490	Extension for reply within third month	
1254 1,530	2254 765	Extension for reply within fourth month	
1255 2,080	2255 1,040	Extension for reply within fifth month	
1401 340	2401 170	Notice of Appeal	
1402 340	2402 170	Filing a brief in support of an appeal	
1403 300	2403 150	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,370	2501 685	Utility issue fee (or reissue)	
1502 490	2502 245	Design issue fee	
1503 660	2503 330	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 120.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Elaine M. Ramesh, Ph.D., JD	Registration No. (Attorney/Agent)	43,032	Telephone	847-383-3391
Signature	<i>Elaine M. Ramesh</i>			Date	6/7/05

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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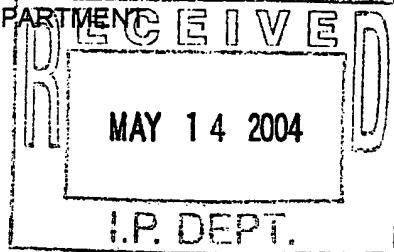
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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 Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/807,647	Satoru Oi	2560USOP

23115

TAKEDA PHARMACEUTICALS NORTH AMERICA, INC.
 INTELLECTUAL PROPERTY DEPARTMENT
 475 HALF DAY ROAD
 SUITE 500
 LINCOLNSHIRE, IL 60069



INTERNATIONAL APPLICATION NO.

PCT/JP99/05754

I.A. FILING DATE	PRIORITY DATE
10/19/1999	10/20/1998

CONFIRMATION NO. 2246
 371 ACCEPTANCE LETTER



OC000000012555359

Date Mailed: 05/10/2004

NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

04/16/2001

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and
 (c)(4) REQUIREMENTS

06/29/2001

DATE OF COMPLETION OF ALL 35 U.S.C. 371
 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 04/16/2001
- Copy of the International Search Report filed on 04/16/2001
- Copy of IPE Report filed on 04/16/2001
- Biochemical Sequence Diskette filed on 04/21/2004
- Oath or Declaration filed on 04/16/2001
- Biochemical Sequence Listing filed on 04/21/2004
- Copy of references cited in ISR filed on 04/16/2001
- U.S. Basic National Fees filed on 04/16/2001
- Priority Documents filed on 04/21/2004

U.S. Patent Application Serial No. 09/807,647

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

KAYA L LEWIS BALTIMORE
Telephone: (703) 305-3695

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/903 (371 Acceptance Notice)

U.S. Patent Application Serial No. 09/1807,647

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/JP99/05754	INTERNATIONAL FILING DATE October 19, 1999	PRIORITY DATE CLAIMED October 20, 1998
TITLE OF INVENTION 1,5-Benzodiazepine Compounds, Their Production and Use		
APPLICANT(S) FOR DO/EO/US Satoru Oi et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. A translation of the International Application into English (35 U.S.C. 371(c)(2)). *
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
- A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information:
 - 1) Sequence Listing (Paper & Computer-readable copies)
 - 2) Sequence Listing Statement

* This includes specification 221 total pages, including Claims 1-18 (9 pgs), Abstract (1 pg), and Sequence listing (4 pgs).

Express Mail Label # : EL 784119258US Docket # : 2560US0P
Applicants : Satoru OI et al. Date : 4/16/01
Title : "1,5-Benzodiazepine Compounds, Their Production and Use"

Kindly acknowledge receipt of the accompanying:

- 1) This PTO Return Receipt Postcard
- 2) Transmittal letter (2 pgs X 2)
- 3) A Translation of the International Application into English
[This includes Specification 221 total pages, including Claims 1-18 (9 pgs.),
Abstract (1 pg.), and Sequence Listing (4 pgs.)]
- 4) Executed Declaration
- 5) Information Disclosure Statement with PTO form 1449, and copies of
IDS citations (6), and the International Search Report
- 6) Executed Assignment and assignment cover sheet (and one copy of the
cover sheet)
- 7) Sequence Listing Statement
- 8) Sequence Listing (Paper & Computer-readable copies)

09/807647

Express Mail Label # : EL 784119258US Docket # : 2560US0P
Applicants : Satoru OI et al. Date : 4/16/01
Title : "1,5-Benzodiazepine Compounds, Their Production and Use"

Kindly acknowledge receipt of the accompanying:

- 1) This PTO Return Receipt Postcard **JC07 Rec'd PCT/PTO 16 APR 2001**
- 2) Transmittal letter (2 pgs X 2)
- 3) A Translation of the International Application into English
[This includes Specification 221 total pages, including Claims 1-18 (9 pgs.),
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cover sheet)
- 7) Sequence Listing Statement
- 8) Sequence Listing (Paper & Computer-readable copies)

U.S. Patent Application Serial No. 09/807,647

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: tba
Filed: tba
1st Inventor: Satoru OI
For: 1,5-Benzodiazepine Compounds, Their Production and Use
Atty. Dkt. No. 2560 USOP

Art Unit: tba
Examiner: tba
Allowed:
Batch:
Paper No.:

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

USPS EXPRESS MAIL LABEL. No. EL 784119258 US

DATE IN: April 16, 2001

Itemized Papers/Items:

1. This certificate and a Return Receipt Postcard (2 pgs.)
2. Transmittal Letter for Filing under 35 USC 371 (2 pgs. X 2)
3. English Translation of the International Application as filed in Japanese [This includes Specification 221 total pages, including Claims 1-18 (9 pgs.), Abstract (1 pg.) and Sequence Listing (4 pgs.)]
4. Executed Declaration/Power of Attorney (4 pgs.)
5. Information Disclosure Statement (2 pgs.) with PTO form 1449 (1 pg.), and copies of IDS citations (6), and the International Search Report (2 pgs.)
6. Executed Assignment (2 pgs.) and assignment cover sheet (1 pg. X 2)
7. Sequence Listing Statement (1 pg.)
8. Sequence Listing (Paper & Computer-readable copies) (2 pgs.)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

BOX PCT
Commissioner for Patents
Washington, D.C. 20231.

on this date, 4/16/01.

Gail L. Winokur

Dated: Gail L. Winokur

EL 784119258 US

U.S. Patent Application Serial No. 09/1807,647